

09/602874  
STN Search Summary

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FILE 'CAPLUS' ENTERED AT 17:26:58 ON 28 JAN 2003  
L1 10555 S CORYNEFORM OR CORYNEBACTERI? OR GLUTAMICUM  
L2 0 S L1 AND (AMYLASE (2W) REGULAT?)  
L3 35 S L1 AND (AMYLASE)  
L4 1 S L1 AND (AMYLASE AND REGULAT?)

=> d

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS  
AN 1987:510456 CAPLUS  
DN 107:110456  
TI A method for production of biologically active proteins containing  
disulfide bonds; selection of appropriate host cells and construction of  
expression vectors  
IN Garvin, Robert T.; James, Eric  
PA Cangene Corp., Can.  
SO Eur. Pat. Appl., 33 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 222279	A2	19870520	EP 1986-115148	19861031
	EP 222279	A3	19881109		
	EP 222279	B1	19960131		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	CA 1295563	A1	19920211	CA 1985-494456	19851101
	AT 133711	E	19960215	AT 1986-115148	19861031
	ES 2083352	T3	19960416	ES 1986-115148	19861031
PRAI	CA 1985-494456		19851101		

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09/602874  
STN Search Summary

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FILE 'CAPLUS' ENTERED AT 16:23:48 ON 29 JAN 2003

L1 1 S GLUCOSE? (2W) AMYLASE (2W) REGULAT?

L2 42 S GLUCOSE? (S) AMYLASE (S) REGULAT?

L3 1172131 S ?RESISTAN?

L4 2 S L2 (S) L3

L5 2 S L2 (P) L3

L6 0 S L2 AND (CORYNEFORM OR CORYNEBACTER)

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS

AN 1998:126266 CAPLUS

DN 128:189202

TI Genomic DNA sequences of Streptococcus pneumoniae strain 0100993, their predicted protein products, and their diagnostic and therapeutic uses

IN Black, Michael Terence; Hodgson, John Edward; Knowles, David Justin Charles; Lonetto, Michael Arthur; Nicholas, Richard Oakley; Stodola, Robert King

PA Smithkline Beecham Corporation, USA; Black, Michael Terence; Hodgson, John Edward; Knowles, David Justin Charles; Lonetto, Michael Arthur; Nicholas, Richard Oakley; Stodola, Robert King

SO PCT Int. Appl., 640 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9806734	A1	19980219	WO 1997-US14436	19970815
	EP 956289	A1	19991117	EP 1997-938354	19970815
	JP 2000514308	T2	20001031	JP 1998-510078	19970815
	US 6310193	B1	20011030	US 1997-940572	19970930
	US 6165762	A	20001226	US 1997-958668	19971027
	US 5932701	A	19990803	US 1997-978458	19971125
	US 6284878	B1	20010904	US 1997-991023	19971215
	US 6171835	B1	20010109	US 1999-385288	19990830
	US 6348578	B1	20020219	US 1999-417511	19991014
	US 2002091236	A1	20020711	US 2001-861345	20010518
PRAI	US 1996-24022P	P	19960816		
	US 1997-37536P	P	19970210		
	US 1997-889711	A2	19970708		
	US 1997-911503	A2	19970815		
	WO 1997-US14436	W	19970815		
	US 1997-958668	A3	19971027		
	US 1997-977555	A3	19971125		
	US 1997-978454	A3	19971125		

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS

AN 1987:457393 CAPLUS

DN 107:57393

TI Regulation of the amylase secretion by the yeast Filobasidium capsuligenum and a 2-deoxy-D-glucose resistant mutant

AU De Mot, Rene; Verachtert, Hubert

CS Lab. Ind. Microbiol. Biochem., Univ. Leuven, Louvain, B-3030, Belg.

SO Applied Microbiology and Biotechnology (1987), 26(3), 258-62

L2 ANSWER 1 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:795880 CAPLUS  
 DN 137:184532  
 TI Physiological characterisation of recombinant *Aspergillus nidulans* strains with different *creA* genotypes expressing *A. oryzae* .alpha.-amylase  
 AU Agger, Teit; Petersen, Jesper B.; O'Connor, Susan M.; Murphy, Rachael L.; Kelly, Joan M.; Nielsen, Jens  
 CS Center for Process Biotechnology, BioCentrum-DTU, Technical University of Denmark, Lyngby, DK-2800, Den.  
 SO Journal of Biotechnology (2002), 92(3), 279-285

L2 ANSWER 3 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:560268 CAPLUS  
 DN 136:195037  
 TI Cloning, expression, and carbon catabolite repression of the *bamM* gene encoding .beta.-amylase of *Bacillus megaterium* DSM319  
 AU Lee, J.-S.; Wittchen, K.-D.; Stahl, C.; Strey, J.; Meinhardt, F.  
 CS Institut für Mikrobiologie, Westfälische Wilhelms-Universität, Münster, 48149, Germany  
 SO Applied Microbiology and Biotechnology (2001), 56(1-2), 205-211

L2 ANSWER 4 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:392668 CAPLUS  
 DN 136:97123  
 TI RegG, a CcpA homolog, participates in regulation of amylase-binding protein A gene (*abpA*) expression in *Streptococcus gordonii*  
 AU Rogers, Jeffrey D.; Scannapieco, Frank A.  
 CS Department of Oral Biology, School of Dental Medicine, University of Buffalo, The State University of New York, Buffalo, NY, 14214, USA  
 SO Journal of Bacteriology (2001), 183(11), 3521-3525

L2 ANSWER 7 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1999:648248 CAPLUS  
 DN 132:31487  
 TI Disruption of *sblA* in *Streptomyces lividans* permits expression of a heterologous .alpha.-amylase gene in the presence of glucose  
 AU Gagnat, Josette; Chouayekh, Hichem; Gerbaud, Claude; Francou, Francois; Virolle, Marie-Joelle  
 CS Laboratoire de Biologie et Genetique Moleculaire, Institut de Genetique et Microbiologie, CNRS UMR8621, Laboratoire de Biologie et Genetique Moleculaire, Institut de Genetique et Microbiologie, CNRS UMR8621 Université Paris-Sud, Orsay, F-91405, Fr.  
 SO Microbiology (Reading, United Kingdom) (1999), 145(9), 2303-2312

L2 ANSWER 8 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1999:403836 CAPLUS  
 DN 131:180748  
 TI Adaptation to a starch environment and regulation of .alpha.-amylase in *Drosophila*  
 AU Fujimoto, Junichi; Kanou, Chie; Eguchi, Yozo; Matsuo, Yoshinori  
 CS Laboratory of Adaptive Evolution, Department of Mathematical and Natural Sciences, Faculty of Integrated Arts and Sciences, The University of Tokushima, Tokushima, 770-8502, Japan  
 SO Biochemical Genetics (1999), 37(1/2), 53-62

L2 ANSWER 9 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1999:403835 CAPLUS

DN 131:182571  
 TI Divergence of the regulation of .alpha.-amylase activity in *Drosophila melanogaster*, *Drosophila funebris*, and *Drosophila saltans*  
 AU Eguchi, Yozo; Matsuo, Yoshinori  
 CS Laboratory of Adaptive Evolution, Department of Mathematical and Natural Sciences, Faculty of Integrated Arts and Sciences, The University of Tokushima, Tokushima, 770-8502, Japan  
 SO Biochemical Genetics (1999), 37(1/2), 41-52

L2 ANSWER 10 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1998:296425 CAPLUS  
 DN 129:50358  
 TI Sugar response sequence in the promoter of a rice .alpha.-amylase gene serves as a transcriptional enhancer  
 AU Lu, Chung-An; Lim, Eng-Kiat; Yu, Su-May  
 CS National Defense Medical Center, Graduate Institute of Life Sciences, Academia Sinica, Taipei, Taiwan  
 SO Journal of Biological Chemistry (1998), 273(17), 10120-10131

L2 ANSWER 11 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1998:207544 CAPLUS  
 DN 128:228530  
 TI Sugar sensing and .alpha.-amylase gene repression in rice embryos  
 AU Umemura, Takaaki; Perata, Pierdomenico; Futsuhara, Yuzuo; Yamaguchi, Junji  
 CS Meijo Univ., Nagoya, 468, Japan  
 SO Planta (1998), 204(4), 420-428

L2 ANSWER 12 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1998:126266 CAPLUS  
 DN 128:189202  
 TI Genomic DNA sequences of *Streptococcus pneumoniae* strain 0100993, their predicted protein products, and their diagnostic and therapeutic uses  
 IN Black, Michael Terence; Hodgson, John Edward; Knowles, David Justin Charles; Lonetto, Michael Arthur; Nicholas, Richard Oakley; Stodola, Robert King  
 PA Smithkline Beecham Corporation, USA; Black, Michael Terence; Hodgson, John Edward; Knowles, David Justin Charles; Lonetto, Michael Arthur; Nicholas, Richard Oakley; Stodola, Robert King  
 SO PCT Int. Appl., 640 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9806734	A1	19980219	WO 1997-US14436	19970815
	EP 956289	A1	19991117	EP 1997-938354	19970815
	JP 2000514308	T2	20001031	JP 1998-510078	19970815
	US 6310193	B1	20011030	US 1997-940572	19970930
	US 6165762	A	20001226	US 1997-958668	19971027
	US 5932701	A	19990803	US 1997-978458	19971125
	US 6284878	B1	20010904	US 1997-991023	19971215
	US 6171835	B1	20010109	US 1999-385288	19990830
	US 6348578	B1	20020219	US 1999-417511	19991014
	US 2002091236	A1	20020711	US 2001-861345	20010518
PRAI	US 1996-24022P	P	19960816		
	US 1997-37536P	P	19970210		
	US 1997-889711	A2	19970708		
	US 1997-911503	A2	19970815		
	WO 1997-US14436	W	19970815		
	US 1997-958668	A3	19971027		

US 1997-977555 A3 19971125  
US 1997-978454 A3 19971125

L2 ANSWER 13 OF 42 CAPLUS COPYRIGHT 2003 ACS  
AN 1997:506129 CAPLUS  
DN 127:175684  
TI Amylase inhibitors  
IN Miyazaki, Toshiyuki; Morimoto, Toshihisa; Murayama, Ryuji  
PA Nisshin Flour Milling Co., Ltd., Japan; Nagata Sangyo Co., Ltd.  
SO Eur. Pat. Appl., 22 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 785214	A2	19970723	EP 1997-100316	19970110
	EP 785214	A3	19980909		
	JP 09194392	A2	19970729	JP 1996-23446	19960118
	AU 9710139	A1	19970724	AU 1997-10139	19970113
	AU 712829	B2	19991118		
	CA 2195051	AA	19970719	CA 1997-2195051	19970114
	US 5726291	A	19980310	US 1997-782176	19970114
PRAI	JP 1996-23446		19960118		

L2 ANSWER 14 OF 42 CAPLUS COPYRIGHT 2003 ACS  
AN 1997:400624 CAPLUS  
DN 127:147102  
TI Negative regulation in the expression of a sugar-inducible gene in Arabidopsis thaliana: a recessive mutation causing enhanced expression of a gene for .beta.-amylase  
AU Mita, Satoru; Hirano, Hideyuki; Nakamura, Kenzo  
CS Laboratory Biochemistry, School Agricultural Sciences, Nagoya University, Nagoya, 464-01, Japan  
SO Plant Physiology (1997), 114(2), 575-582

L2 ANSWER 15 OF 42 CAPLUS COPYRIGHT 2003 ACS  
AN 1996:98216 CAPLUS  
DN 124:140638  
TI The glucose effect and regulation of .alpha.-amylase synthesis in the hyperthermophilic archaeon Sulfolobus solfataricus  
AU Haseltine, Cynthia; Rolfsmeier, Michael; Blum, Paul  
CS School Biological Sciences, University Nebraska, Lincoln, NE, 68588-0666, USA  
SO Journal of Bacteriology (1996), 178(4), 945-50

L2 ANSWER 17 OF 42 CAPLUS COPYRIGHT 2003 ACS  
AN 1995:209845 CAPLUS  
DN 122:24842  
TI A Drosophila gene promoter is subject to glucose repression in yeast cells  
AU Hickey, Donal A.; Benkel, Kaarina I.; Fong, Ying; Benkel, Bernhard F.  
CS Dep. Biol., Univ. Ottawa, ON, K1N 6N5, Can.  
SO Proceedings of the National Academy of Sciences of the United States of America (1994), 91(23), 11109-12

L2 ANSWER 18 OF 42 CAPLUS COPYRIGHT 2003 ACS  
AN 1994:678956 CAPLUS  
DN 121:278956  
TI Improvement of cloned .alpha.-amylase gene expression in fed-batch culture of recombinant Saccharomyces cerevisiae by

regulating both glucose and ethanol concentration using  
a fuzzy controller

AU Shiba, Sumihisa; Nishida, Yoshio; Park, Yong Soo; Lijima, Shinji;  
Kobayashi, Takeshi

CS Dep. Biotechnol., Nagoya Univ., Nagoya, 464-01, Japan

SO Biotechnology and Bioengineering (1994), 44(9), 1055-63

L2 ANSWER 19 OF 42 CAPLUS COPYRIGHT 2003 ACS

AN 1994:626046 CAPLUS

DN 121:226046

TI Regulation of .alpha.-amylase biosynthesis in *Vibrio alginolyticus* (MB1)

AU Saramma, A V.; Philip, Babu

CS School Marine Sciences, Cochin University Science and Technology, Kochi,  
682 016, India

SO Indian Journal of Experimental Biology (1994), 32(7), 515-16

L2 ANSWER 20 OF 42 CAPLUS COPYRIGHT 2003 ACS

AN 1994:550304 CAPLUS

DN 121:150304

TI Expression of an amylase - alcohol dehydrogenase chimeric gene in  
transgenic strains of *Drosophila melanogaster*

AU Grunder, Allan A.; Loverre-Chyurlia, Ada; Hickey, Donal A.

CS Cent. Food Anim. Res., Agric. Canada, Ottawa, ON, K1A 0C6, Can.

SO Genome (1993), 36(5), 954-61

L2 ANSWER 21 OF 42 CAPLUS COPYRIGHT 2003 ACS

AN 1994:451348 CAPLUS

DN 121:51348

TI Sequences involved in growth-phase-dependent expression and glucose  
repression of a *Streptomyces* .alpha.-amylase gene

AU Virolle, Marie-Joelle; Gagnat, Josette

CS Inst. Genet. Microbiol., CNRS, Orsay Cedex, F-91405, Fr.

SO Microbiology (Reading, United Kingdom) (1994), 140(5), 1059-67

L2 ANSWER 22 OF 42 CAPLUS COPYRIGHT 2003 ACS

AN 1993:513148 CAPLUS

DN 119:113148

TI Glucose and glycerol repression of .alpha.-amylase in *Streptomyces*  
*kanamyceticus* and isolation of deregulated mutants

AU Flores, M. E.; Ponce, E.; Rubio, M.; Huitron, C.

CS Inst. Biomed. Res., Natl. Univ. Mexico, Mexico City, 04510, Mex.

SO Biotechnology Letters (1993), 15(6), 595-600

L2 ANSWER 23 OF 42 CAPLUS COPYRIGHT 2003 ACS

AN 1993:230599 CAPLUS

DN 118:230599

TI Functional conservation of a glucose-repressible amylase gene promoter  
from *Drosophila virilis* in *Drosophila melanogaster*

AU Magoulas, Charalambos; Loverre-Chyurlia, Ada; Abukashawa, Sumaia;  
Bally-Cuif, Laure; Hickey, Donal A.

CS Dep. Biol., Univ. Ottawa, Ottawa, ON, K1N 6N5, Can.

SO Journal of Molecular Evolution (1993), 36(3), 234-42

L2 ANSWER 24 OF 42 CAPLUS COPYRIGHT 2003 ACS

AN 1993:74495 CAPLUS

DN 118:74495

TI Regulation and cloning of the gene encoding amylase activity of the

ruminal bacterium *Streptococcus bovis*  
 AU Cotta, Michael A.; Whitehead, Terence R.  
 CS Natl. Cent. Agric. Util. Res., U.S. Dep. Agric., Peoria, IL, 61604, USA  
 SO Applied and Environmental Microbiology (1993), 59(1), 189-96

L2 ANSWER 25 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1992:404514 CAPLUS  
 DN 117:4514  
 TI Tissue-specific and dietary control of alpha-amylase gene expression in the adult midgut of *Drosophila melanogaster*  
 AU Thompson, D. Bruce; Treat-Clemons, Lynda G.; Doane, Winifred W.  
 CS Dep. Zool., Arizona State Univ., Tempe, AZ, 85287-1501, USA  
 SO Journal of Experimental Zoology (1992), 262(2), 122-34

L2 ANSWER 26 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1991:598930 CAPLUS  
 DN 115:198930  
 TI Regulation of amylase and chymotrypsinogen expression by dexamethasone and caerulein in serum-free-cultured pancreatic acinar AR4-2J cells. Influence of glucose  
 AU Estival, Agnes; Pradel, Pascale; Wicker-Planquart, Catherine; Vaysse, Nicole; Puigserver, Antoine; Clemente, Francois  
 CS Groupe Rech. Biol. Pathol. Dig., Rangueil, Toulouse, F 31054, Fr.  
 SO Biochemical Journal (1991), 279(1), 197-201

L2 ANSWER 27 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1991:576298 CAPLUS  
 DN 115:176298  
 TI Investigations on the expression and regulation of the .alpha.-amylase gene from *Aspergillus oryzae*  
 AU Lachmund, A.; Ruttkowski, E.  
 CS Inst. Biochem., Tech. Hochsch. Darmstadt, Darmstadt, 6100, Germany  
 SO DECHEMA Biotechnology Conferences (1990), 4(Pt. A, Lect. DECHEMA Annu. Meet. Biotechnol., 8th, 1990), 399-402

L2 ANSWER 28 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1991:528623 CAPLUS  
 DN 115:128623  
 TI Cloning, characterization and expression of an .alpha.-amylase gene from *Streptomyces griseus* IMRU3570  
 AU Vigal, Tomas; Gil, Jose A.; Daza, Antonio; Garcia-Gonzalez, Maria Dolores; Martin, Juan F.  
 CS Fac. Biol., Univ. Leon, Leon, E-24071, Spain  
 SO Molecular and General Genetics (1991), 225(2), 278-88

L2 ANSWER 29 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1991:447716 CAPLUS  
 DN 115:47716  
 TI Regulation of alpha-amylase production in *Bacillus licheniformis* M27 by enzyme end-products in submerged fermentation and its overcoming in solid state fermentation system  
 AU Ramesh, M. V.; Lonsane, B. K.  
 CS Ferment. Technol. Bioeng. Discip., Central Food Technol. Res. Inst., Mysore, 570 013, India  
 SO Biotechnology Letters (1991), 13(5), 355-60

L2 ANSWER 34 OF 42 CAPLUS COPYRIGHT 2003 ACS

AN 1990:605525 CAPLUS  
 DN 113:205525  
 TI Molecular genetics of a three-gene cluster in the Amy region of *Drosophila*  
 AU Doane, Winifred W.; Thompson, D. Bruce; Norman, Rodney A.; Hawley, Sylvia A.  
 CS Dep. Zool., Arizona State Univ., Tempe, AZ, 85287-1501, USA  
 SO Progress in Clinical and Biological Research (1990), 344(Isozymes: Struct. Funct., Use Biol. Med.), 19-48

L2 ANSWER 35 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1990:152999 CAPLUS  
 DN 112:152999  
 TI In vivo expression of the *Pseudomonas stutzeri* maltotetraose-forming amylase gene (amyP)  
 AU Fujita, Masaya; Futai, Masamitsu; Amemura, Akinori  
 CS Fac. Eng., Fukuyama Univ., Fukuyama, 729-02, Japan  
 SO Journal of Bacteriology (1990), 172(3), 1595-9

L2 ANSWER 36 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1988:52620 CAPLUS  
 DN 108:52620  
 TI Production of  $\alpha$ -glucosidase and its role in regulation of amylase production by *Bacillus circulans* F-2  
 AU Sata, Hiroshi; Taniguchi, Hajime; Maruyama, Yoshiharu  
 CS Dep. Agric. Chem., Univ. Tokyo, Tokyo, 113, Japan  
 SO Agricultural and Biological Chemistry (1987), 51(12), 3275-80

L2 ANSWER 37 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1987:569644 CAPLUS  
 DN 107:169644  
 TI Identification of a nucleotide sequence involved in catabolite repression of amylase synthesis in *Bacillus subtilis*  
 AU Nicholson, Wayne L.; Park, Yong-Keun; Chambliss, Glenn H.  
 CS Dep. Bacteriol., Univ. Wisconsin, Madison, WI, 53706, USA  
 SO RNA Polymerase Regul. Transcr., Proc. Steenbock Symp., 16th (1987), Meeting Date 1986, 445-8. Editor(s): Reznikoff, William S. Publisher: Elsevier, New York, N. Y.

L2 ANSWER 38 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1987:471628 CAPLUS  
 DN 107:71628  
 TI Structural organization of the  $\alpha$ -amylase gene locus in *Drosophila melanogaster* and *Drosophila miranda*  
 AU Doane, Winifred W.; Gemmill, Robert M.; Schwartz, Phillip E.; Hawley, Sylvia A.; Norman, R. A.  
 CS Dep. Zool., Arizona State Univ., Tempe, AZ, 85287, USA  
 SO Isozymes: Current Topics in Biological and Medical Research (1987), 14(Mol. Cell. Biol.), 229-66  
 CODEN: ICTRDF; ISSN: 0160-3787

L2 ANSWER 39 OF 42 CAPLUS COPYRIGHT 2003 ACS  
 AN 1987:457393 CAPLUS  
 TI Regulation of the amylase secretion by the yeast *Filobasidium capsuligenum* and a 2-deoxy-D-glucose resistant mutant  
 AU De Mot, Rene; Verachtert, Hubert  
 SO Applied Microbiology and Biotechnology (1987), 26(3), 258-62